

**Electronic Filing System (EFS) Data**  
**Electronic Patent Application Submission**  
**USPTO Use Only**

EFS ID: 11120  
Application ID: 09681361  
Title of Invention: BUSINESS METHOD AND DATA  
STRUCTURE FOR ELIMINATING  
NON-VALUE-ADDED DATA  
ACTIVITY ACROSS A BUSINESS  
CONTINUUM  
First Named Inventor: Gerald Bialek  
Domestic/Foreign Application: Domestic Application  
Filing Date: null  
Effective Receipt Date: 2001-03-26  
Submission Type: Utility Patent Filing  
Filing Type: new-utility  
Confirmation Number: 0  
Attorney Docket Number: 200-0671  
Digital Certificate Holder: cn=Damian Porcari, ou=Registered Attorneys, ou=Patent and  
Trademark Office, ou=Department of Commerce, o=U.S.  
Government, c=US  
Certificate Message Digest: 2brhh0/b1qlhvuRxx960Tg==  
Total Fees Authorized: \$750.0  
Payment Category: DA - Deposit Account  
Deposit Account Number: 61510  
Deposit Account Name: Sheri L. Charles



# TRANSMITTAL FORM



Electronic Version 1.0.2

Stylesheet Version: 1.0

Attorney Docket Number: 200-0671

## **BUSINESS METHOD AND DATA STRUCTURE FOR ELIMINATING NON- VALUE-ADDED DATA ACTIVITY ACROSS A BUSINESS CONTINUUM**

First Named Inventor: Gerald Christopher Bialek

### SUBMITTED BY

Organization Name:	Ford Motor Company
Name:	Sheri Lynn Charles Electronic Application Specialist
Electronic Signature Mark: /slc	Date Signed: 20010326

*I certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.*

*I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.*

### Attached Files:

bibd-transmittal	200-0671apds.xml
fee-transmittal	200-0671fee.xml



**Comments:**

[illegible]

## DECLARATION AND POWER OF ATTORNEY - ORIGINAL APPLICATION

Attorney's Docket No.  
200-0671

As a below named inventor, I hereby declare:

My residence, post office address and citizenship are as stated below next to my name,

I verily believe I am the original, first and sole inventor or an original, first and joint inventor of the subject matter that is claimed and for which a patent is sought on the invention entitled

**BUSINESS METHOD AND DATA STRUCTURE FOR ELIMINATING NON-VALUE-ADDED DATA ACTIVITY ACROSS A BUSINESS CONTINUUM**

the specification of which is attached hereto.

I have reviewed and understand the contents of the specification identified above, including the claims.

I acknowledge my duty to disclose information of which I am aware that is material to the examination of this application in accordance with Section 1.56(a), Title 37 of the Code of Federal Regulations, and as to application for patents or inventor's certificate on the invention filed in any country foreign to the United States of America prior to this application by me or my legal representatives or assigns,

☒ no such applications have been filed, or☐ such applications have been filed as follows

COUNTRY	APPLICATION NO.	DATE OF FILING (month, day, year)	DATE OF ISSUE (month, day, year)	PRIORITY CLAIMED UNDER 35 USC 119

☐ I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

APPLICATION NUMBER(S)	FILING DATE (month, day, year)	<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

(Application Number)	(Filing Date)	(Status - patented, pending, abandoned)
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**POWER OF ATTORNEY:** As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the United States Patent and Trademark Office connected therewith and to act on my behalf before the competent International Authorities in connection with any and all international applications filed by me. (List name and registration number)

David S. Bir - 38,383

Frank A. Angileri - 36,733

Frank G. McKenzie - 29,242

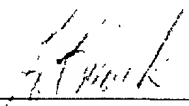
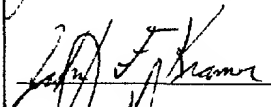
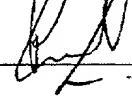
David B. Kelley - 33,718

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of application or any patent issuing thereon.

NAME AND MAILING ADDRESS OF INVENTOR	RESIDENCE	CITIZENSHIP	SIGNATURE	DATE
Gerald Christopher Bialek 2657 Lamplighter Lane Bloomfield Hills, MI 48304 US	Bloomfield Hills, MI 48304 US	U.S.A		3/13
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ASSISTANT COMMISSIONER FOR PATENTS  
Washington, D. C. 20231

Sir:

**Peter Coote**  
**John Kramer**  
**Gerald Bialek**

The attorney or agent below has reviewed this application and its attachments and consents to electronic filing by the assignee.

TSR

[illegible]

# FEE TRANSMITTAL

Electronic Version 1.0.4

Stylesheet Version: 1.0

*Patent fees are subject to annual revisions on or about October 1st of each year.*

Large Entity

**TOTAL FEES AUTHORIZED: \$ 750**

The commissioner is hereby authorized to charge indicated processing and/or publication fees and credit any overpayments to:

Deposit Account Number: 06-1510



Deposit Account Name: Ford Global Technologies, Inc.

Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

## SUBMITTED BY

Authorized Name: Sheri L. Charles

Electronic Signature Mark: /slc

Date Signed: 20010326

## BASIC FILING FEE

Fee Description	Fee Code	Fee Paid
Utility Filing Fee	101	\$ 710

Subtotal For Basic Filing Fee: \$ 710

## EXTRA CLAIM FEES

	Fee Code	Fee	Extra Claims	Fee Paid
Total Claims: 8	103	\$ 18	0	\$ 0
Independent Claims: 2	102	\$ 80	0	\$ 0

Subtotal For Extra Claims Fees: \$ 0



ADDITIONAL FEES

Fee Description	Fee Code	Fee Paid
Recording Each Patent Assignment Per Property Fee	581	\$ 40

Subtotal For Additional Fees: \$ 40

Parameter	Value	Unit
Initial temperature	25.0	°C
Final temperature	25.0	°C
Initial pressure	1.013	bar
Final pressure	1.013	bar
Initial volume	0.001	m³
Final volume	0.001	m³
Initial mass	0.001	kg
Final mass	0.001	kg
Initial density	1000	kg/m³
Final density	1000	kg/m³
Initial viscosity	0.001	Pa·s
Final viscosity	0.001	Pa·s
Initial thermal conductivity	0.6	W/m·K
Final thermal conductivity	0.6	W/m·K
Initial specific heat capacity	4182	J/kg·K
Final specific heat capacity	4182	J/kg·K
Initial enthalpy	4182	J/kg
Final enthalpy	4182	J/kg
Initial entropy	4182	J/kg·K
Final entropy	4182	J/kg·K
Initial internal energy	4182	J/kg
Final internal energy	4182	J/kg
Initial Gibbs free energy	4182	J/kg
Final Gibbs free energy	4182	J/kg
Initial Helmholtz free energy	4182	J/kg
Final Helmholtz free energy	4182	J/kg
Initial chemical potential	4182	J/kg
Final chemical potential	4182	J/kg
Initial activity	1.0	
Final activity	1.0	
Initial fugacity	1.0	bar
Final fugacity	1.0	bar
Initial vapor pressure	1.013	bar
Final vapor pressure	1.013	bar
Initial saturation temperature	100.0	°C
Final saturation temperature	100.0	°C
Initial saturation pressure	1.013	bar
Final saturation pressure	1.013	bar
Initial critical temperature	373.9	°C
Final critical temperature	373.9	°C
Initial critical pressure	218.1	bar
Final critical pressure	218.1	bar
Initial critical density	322	kg/m³
Final critical density	322	kg/m³
Initial critical viscosity	0.001	Pa·s
Final critical viscosity	0.001	Pa·s
Initial critical thermal conductivity	0.6	W/m·K
Final critical thermal conductivity	0.6	W/m·K
Initial critical specific heat capacity	4182	J/kg·K
Final critical specific heat capacity	4182	J/kg·K
Initial critical enthalpy	4182	J/kg
Final critical enthalpy	4182	J/kg
Initial critical entropy	4182	J/kg·K
Final critical entropy	4182	J/kg·K
Initial critical internal energy	4182	J/kg
Final critical internal energy	4182	J/kg
Initial critical Gibbs free energy	4182	J/kg
Final critical Gibbs free energy	4182	J/kg
Initial critical Helmholtz free energy	4182	J/kg
Final critical Helmholtz free energy	4182	J/kg
Initial critical chemical potential	4182	J/kg
Final critical chemical potential	4182	J/kg
Initial critical activity	1.0	
Final critical activity	1.0	
Initial critical fugacity	1.0	bar
Final critical fugacity	1.0	bar
Initial critical vapor pressure	1.013	bar
Final critical vapor pressure	1.013	bar

Subtotal For Additional Fees: \$ 40